

FIG. 1

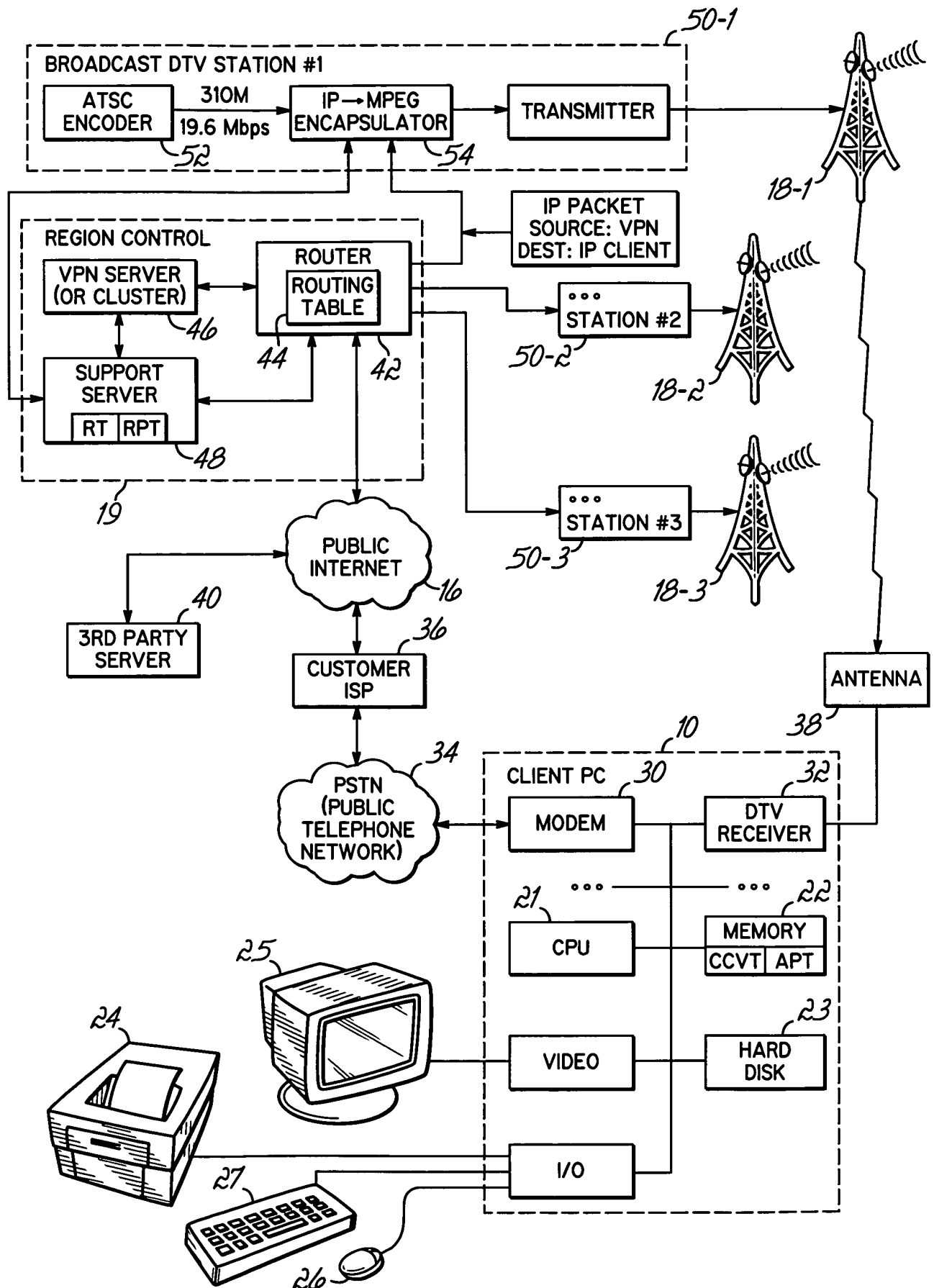


FIG. 2

REGION TABLE (RT)			
REGION ID	VPN IP	ROUTER IP	SUPPORT SERVER IP

FIG. 3A

REGION PARTICIPANT TABLE (RPT)					
AFFILIATE ID	AFFILIATE CALL LETTERS	AFFILIATE CHANNEL NO.	CHANNEL PID	REGION ID	ENCAPSULATOR IP ADDRESS

FIG. 3B

CLIENT CHANNEL VIABILITY TABLE (CCVT)					
CHANNEL NO.	SIGNAL STRENGTH	ERROR RATE	USABLE?	CHANNEL PID	VPN IP ADDRESS

FIG. 3C

AFFILIATE PROBLEM TABLE (APT)				
AFFILIATE ID	PROBLEM 1 DATE/TIME	PROBLEM 2 DATE/TIME	STATUS I/O	CUMULATIVE OFFENSES

FIG. 3D

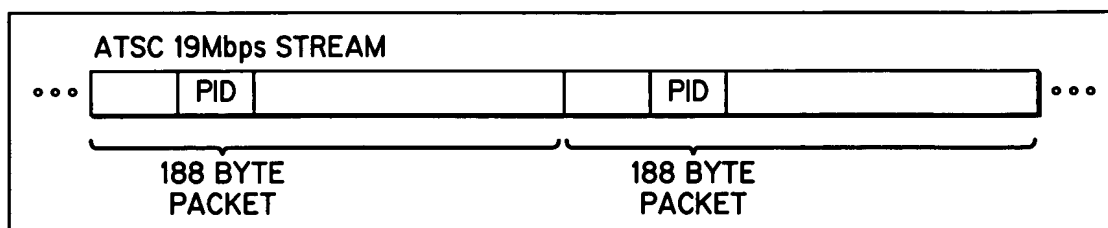


FIG. 4A

Figure 4B illustrates the structure of a Type 1 VPN's in beacon. The structure is defined by the following fields:

Field	Field	Field	Field	Field	Field	Field
Affiliate ID	Affiliate Call Letters	Affiliate Channel No.	Channel PID	Region ID	Encapsulator IP Address	

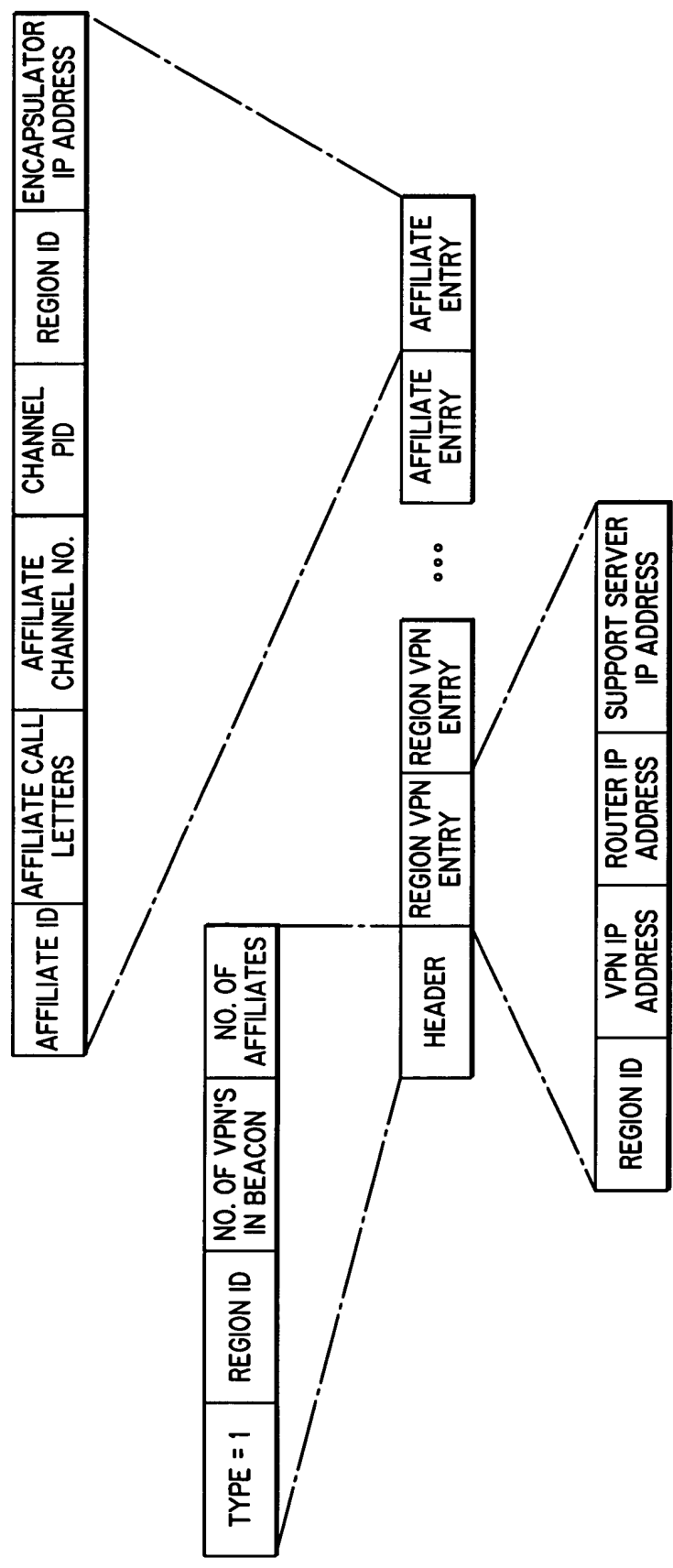


FIG. 4B

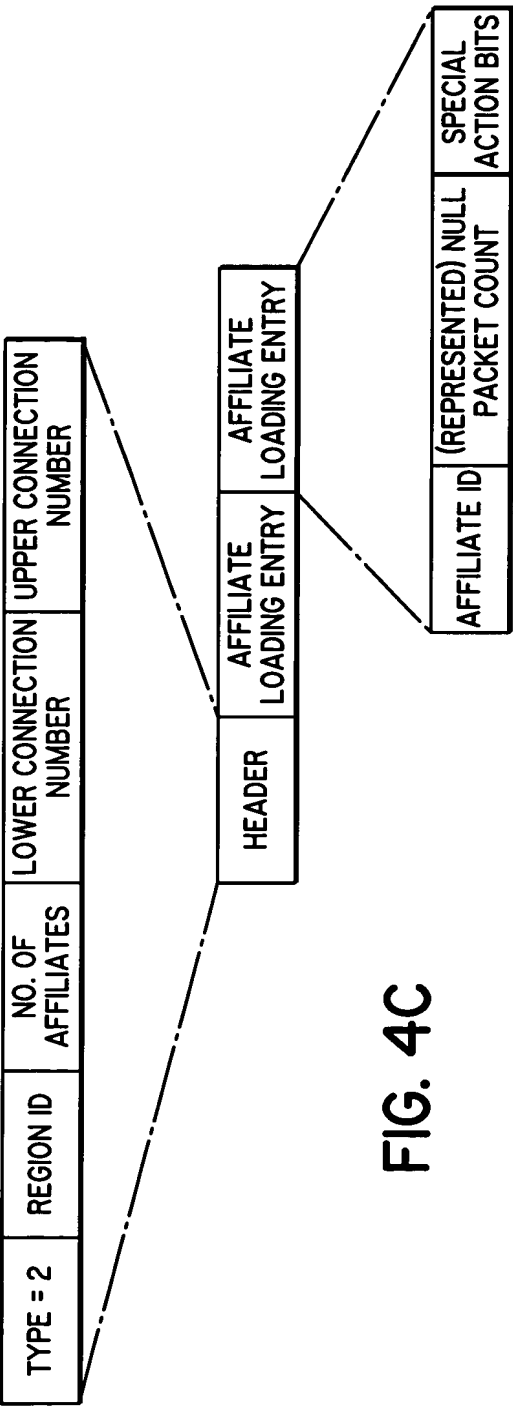
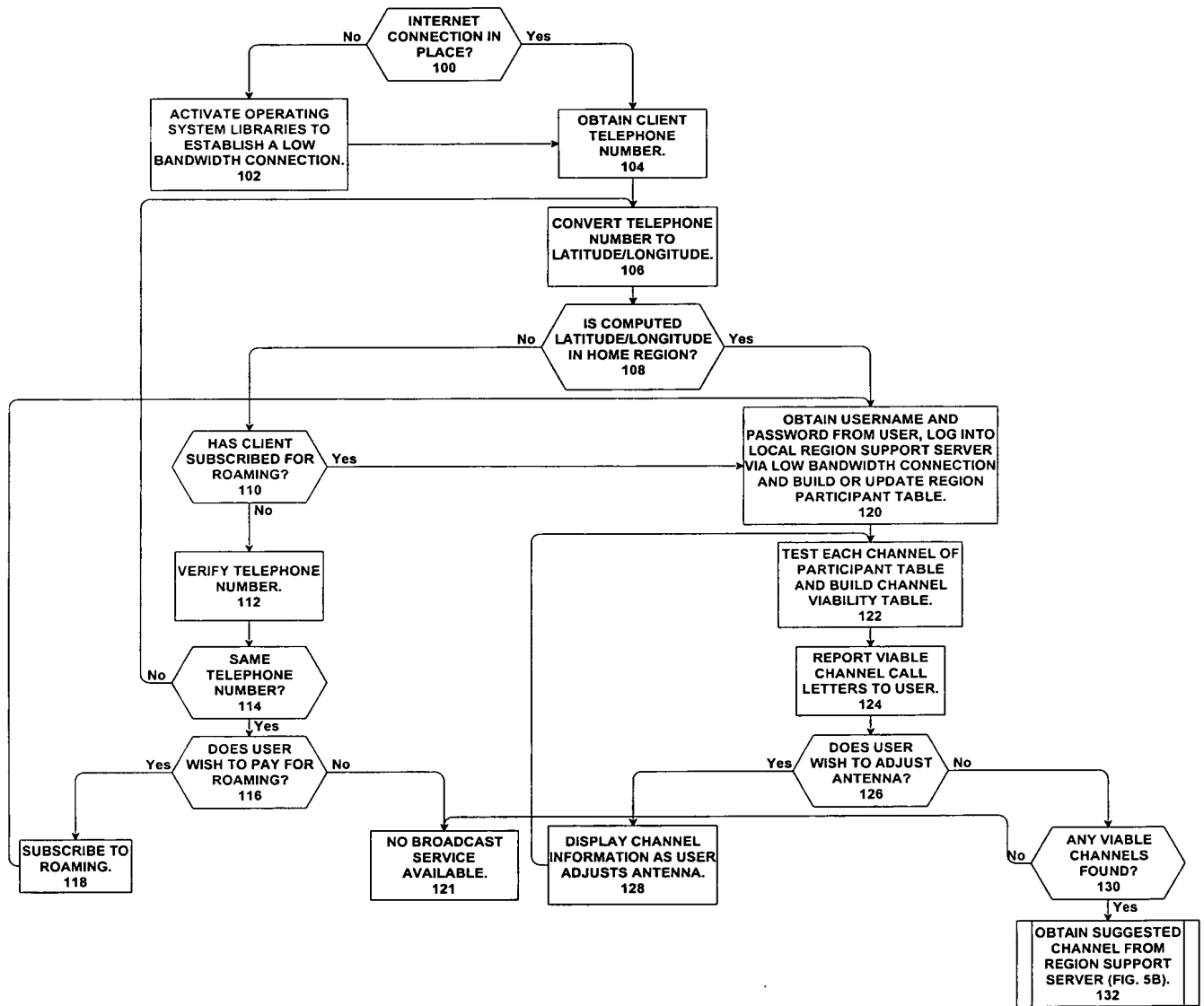


FIG. 4C

FIG. 5A



**FIG. 5B**

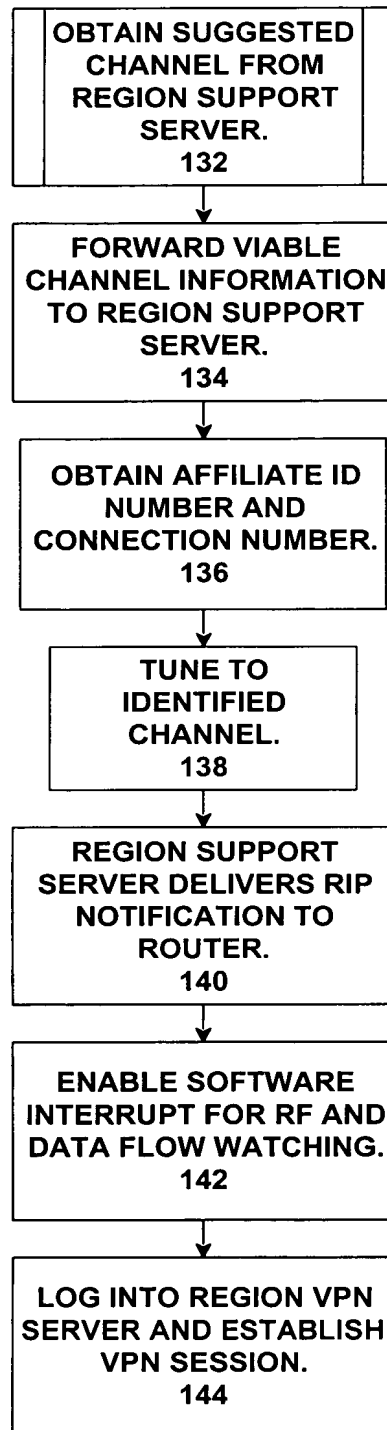
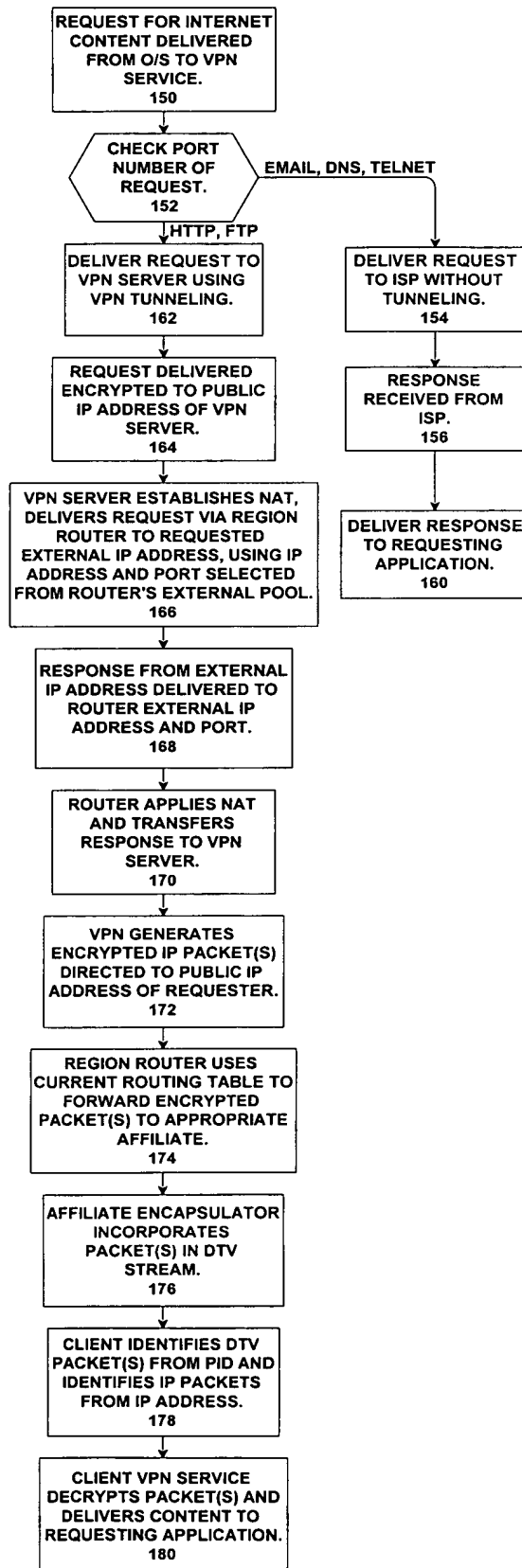


FIG. 5C





**FIG. 5D**

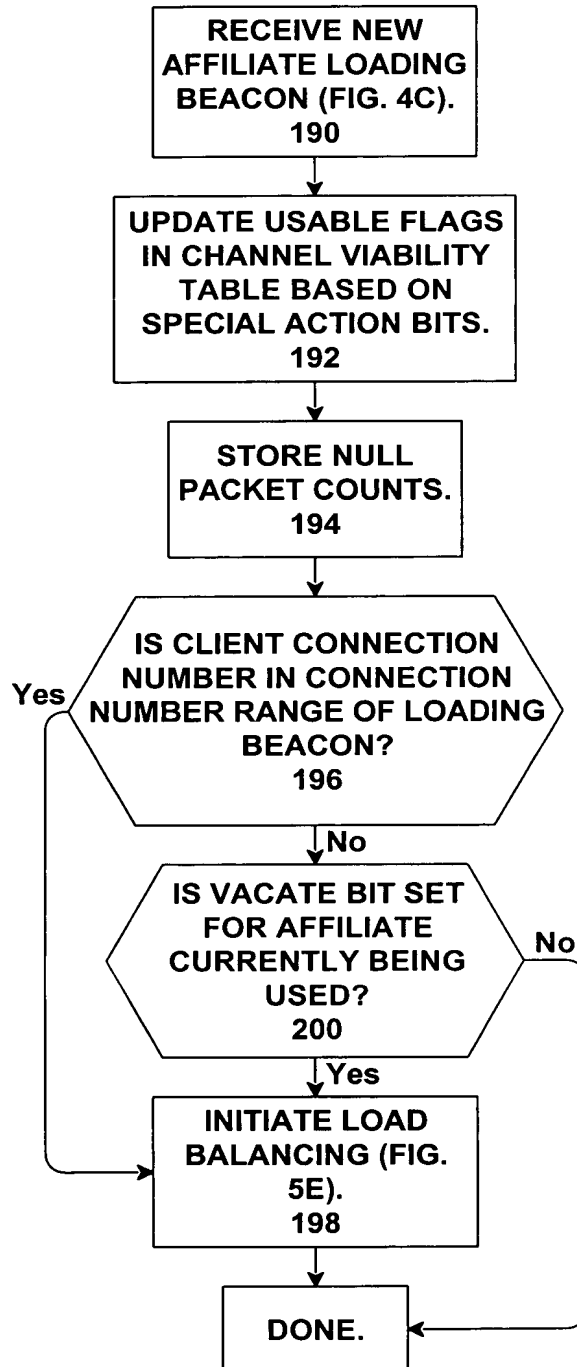
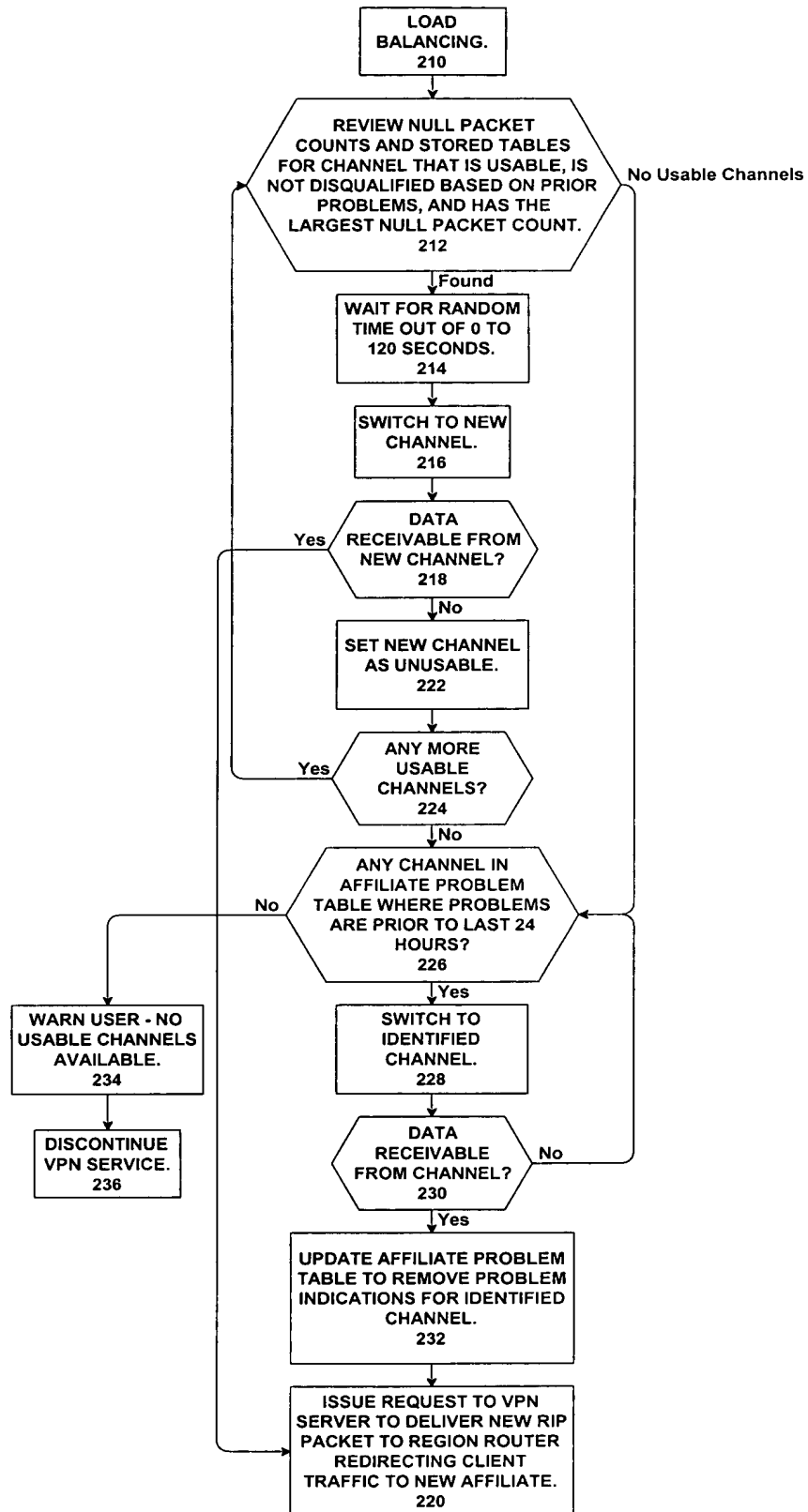


FIG. 5E



**FIG. 5F**

